

# Service Manual

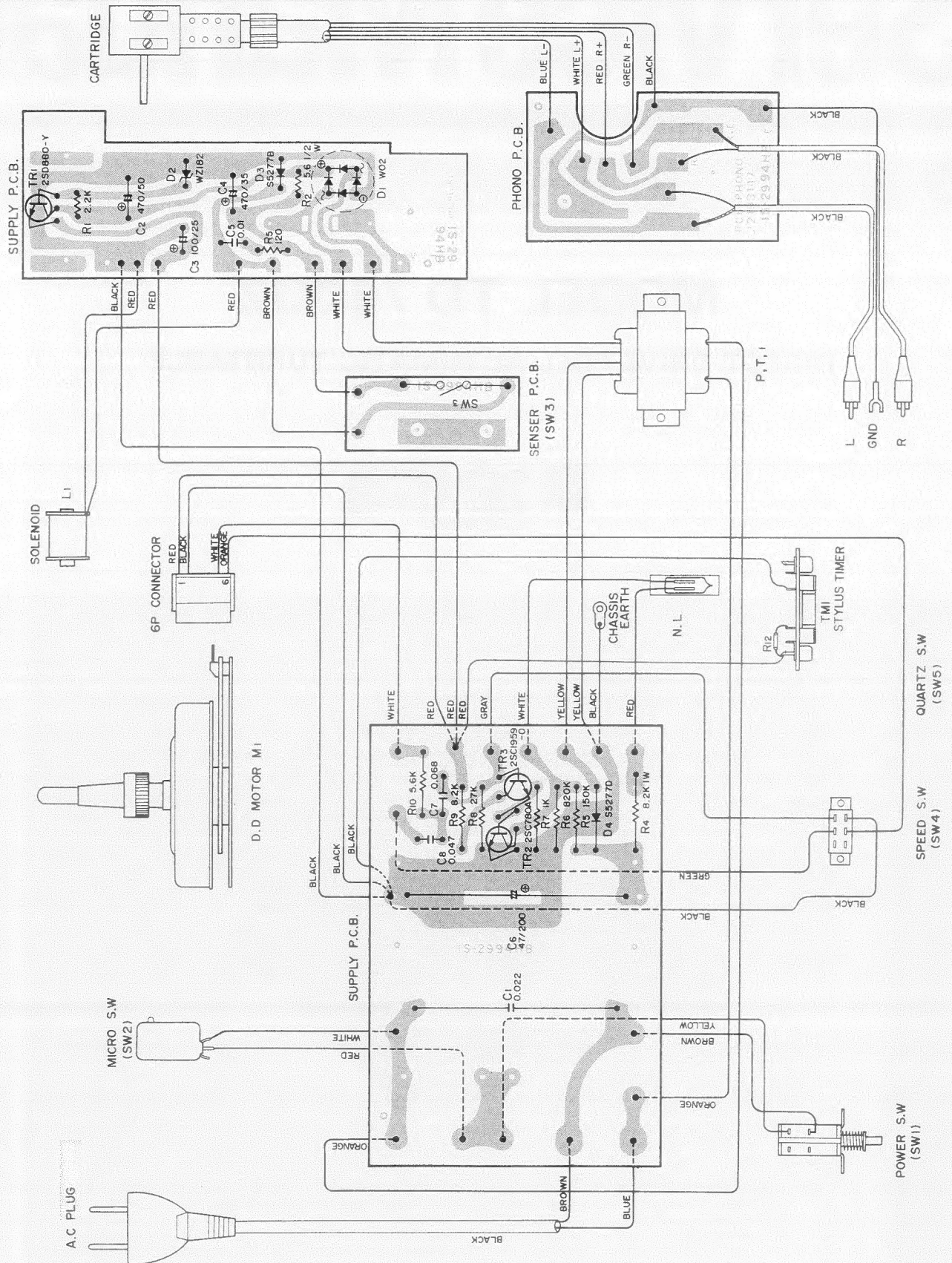
## MODEL TD 760QZ

DIRECT DRIVE FULL AUTOMATIC TURNTABLE



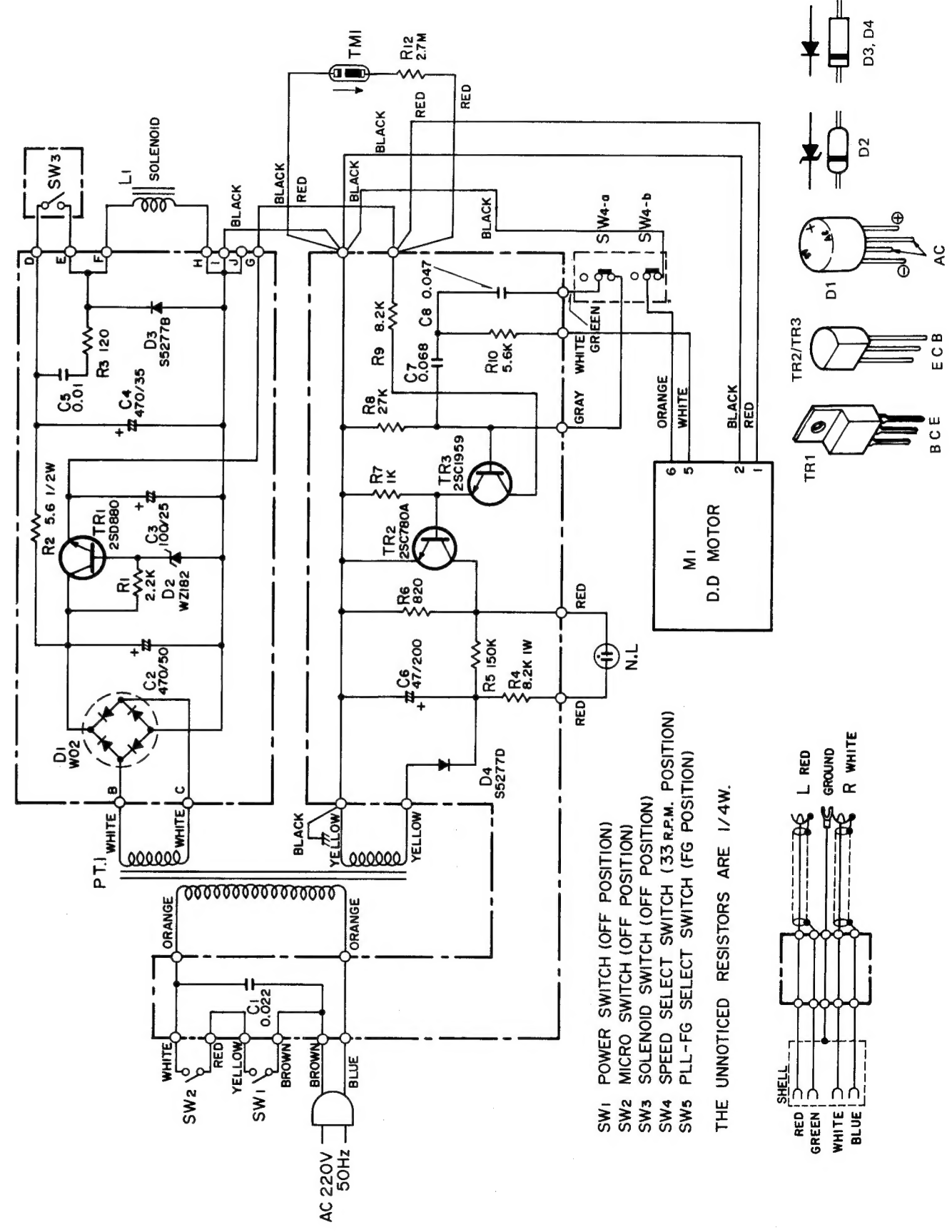
This Service Manual covers changes made since the TD 750QZ. For complete service information, refer to the Service Manual of TD 750QZ and this Manual.

# BOTTOM VIEW OF P.C.BOARD AND WIRING

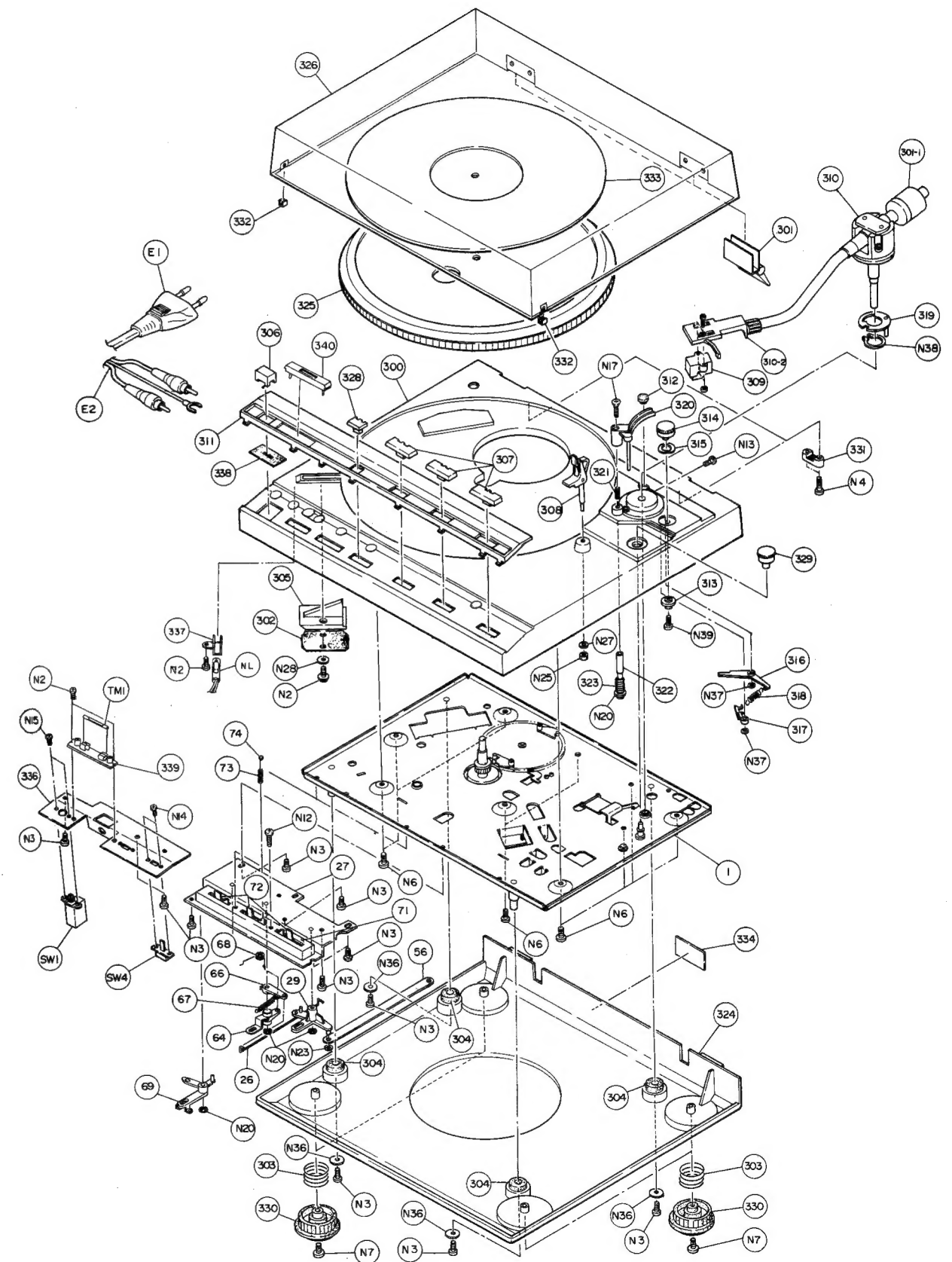




## SCHEMATIC DIAGRAM



## EXPLODED VIEW CABINET



Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
<b>CABINET</b>			<b>MECHANISM</b>		
300	20848606	Cabinet	1	20015851	Chassis Assembly with Plastic Shaft
301	20861711	Hinge	1-1	20764789	Plastic Shaft
302	22854743	Screen	2	20754764	Seesaw Lever
303	22776648	Push Spring	3	20764762	Seesaw Shaft
304	22756961	Rubber Cushion	4	22772616	Pull Spring
305	20857610	Lens	5	22772615	Pull Spring
306	20874669	Push Button	6	20754755	Lever
307	20872614	Slide Knob	7	22776626	Pull Spring
308	20738735	Pickup Rest Assembly	8	20754763	Clutch Lever
309	22155506	Cartridge	9	22776625	Pull Spring
310	20731919	Pickup Arm	10	20757757	Cam
310-1	20731926	Main Weight	11	20773891	Bearing
310-2	20736644	Head Shell	12	20754757	Start Lever (Metal)
311	20836692	Front Panel		20754818	Start Lever (Plastic)
312	20881768	Rubber Cap	14	20754775	Start Lever
313	20757758	Inside Force Canceller Cam	15	20754766	Lever Assembly
314	20872615	Inside Force Canceller Knob	16	22746604	Pin
315	22772572	Plate Spring	17	20754759	Stop Lever
316	20754767	Inside Force Canceller Lever	18	22776660	Pull Spring
317	20754768	Inside Force Canceller Lever	19	20764780	Select Shaft
318	22776640	Pull Spring	20	20707770	Torsion Spring
319	20754806	Inside Force Canceller Lever	21	20707761	Plate Spring
320	20764772	Lifter Bar Assembly	22	20754758	Reject Lever
321	22776641	Push Spring	23	22776624	Pull Spring
322	20764788	Lift Shaft	24	22756900	Cushion
323	22776650	Push Spring	26	20754800	Joint
324	20826775	Bottom Board	27	20015799	Sub Chassis Assembly
325	20723725	Turntable	29	20754789	Select Lever
326	20848605	Dust Cover	30	20754756	Lever
328	20827613	Slide Knob	32	22776655	Pull Spring
329	20872616	Repeat Knob	33	20754761	Switch Lever
330	20842648	Foot	34	22776659	Pull Spring
331	22184182	Cord Clamp	35	20757760	Lifter Cam
332	22756962	Rubber Cushion	36	20764771	Shaft Switch
333	20723724	Table Sheet	37	20773890	Bearing Gear
334	22867713	Main Label	38	20764758	Gear Shaft
336	20015817	Sub Chassis	39	20754760	Lever Switch
337	22755564	Lamp Holder	40	20764790	Reject Pole
338	22756966	Cushion	41	22776629	Pull Spring
339	22755569	Timer Holder	42	20727645	Main Gear
340	20843625	Meter Cover	43	20754770	Auto Clutch
			44	20727648	Gear
			45	20727646	Pickup Gear
			46	20754753	Turn Plate
			47	22775529	Torsion Spring
			50	20743968	Gear Guide
			52	20754786	Lever Switch
			54	22776638	Pull Spring
			55	22753664	Spacer

Symbol No.	Part No.	Description
56	20754813	Joint Select
57	20754777	Manual Plate (Metal)
	20754823	Manual Plate (Plastic)
58	22776637	Pull Spring
59	20754776	Plate Guide (Metal)
	20754821	Plate Guide (Plastic)
60	22748849	Barrier
61	20881768	Rubber Cap
62	20754750	Pickup Plate Assembly
63	22755566	Magnet
64	20754788	Cue Lever
65-1	20021784	P.C. Board Bracket (Metal)
65-2	20735703	P.C. Board Bracket (Plastic)
66	20754797	Cue Lever
67	22776651	Pull Spring
68	20707768	Torsion Spring
69	20754798	Start Lever
70	20764791	Pole
71	20735692	Slide Bracket
72	20754790	Slide Lever
73	22776639	Push Spring
74	74090397	Steel Ball 5/32
76	20746853	P.C. Board Stay
81	22754981	Lug Clamp
X	20754844	Switch Lever Assembly (X <sub>1</sub> ~ X <sub>4</sub> )
SCREWS AND RINGS		
N1	72632005	Bind Head Tapping 2 x 5
N2	72633006	Bind Head Tapping 3 x 6
N3	72633008	Bind Head Tapping 3 x 8
N4	72633012	Bind Head Tapping 3 x 12
N5	72633020	Bind Head Tapping 3 x 20
N6	72634010	Bind Head Tapping 4 x 10
N7	72634012	Bind Head Tapping 4 x 12
N8	70432605	Bind Head 2.6 x 5
N9	70432605	Bind Head 2.6 x 5
N10	70432612	Bind Head 2.6 x 12
N12	70433016	Bind Head 3 x 16
N13	22701758	Bind Head Ni Plated 4 x 18
N14	20795975	Bind Head w/Spring Washer 2 x 6
N15	20795955	Bind Head w/Spring Washer 3 x 6
N16	20795986	Bind Head w/Spring Washer 3 x 8

Symbol No.	Part No.	Description
N17	22701755	Flat Head 2 x 10
N18	74050015	Ring E 1.5φ
N19	74050025	Ring E 2.5φ
N20	74050030	Ring E 3φ
N21	74050040	Ring E 4φ
N22	74060020	Ring CS 2φ
N23	74060030	Ring CS 3φ
N24	74060040	Ring CS 4φ
N25	73653000	Hexagon Nut M3
N26	74001030	Washer M3
N27	74010030	Spring Washer M3
N28	22703553	Special Washer 3.2φ x 10φ
N29	22752797	Special Washer 4.1φ x 8φ
N31	22701599	Pan Head, Poly 3 x 25
N36	20791631	Special Washer 3.2φ x 15φ
N37	74001020	Washer M2
N38	20798757	Ring Out 17φ
N39	72632008	Bind Head Tapping 2 x 8
N40	22702540	Hexagon Nut 7mm
N41	20796631	Special Nut
N42	72633030	Bind Head Tapping 3 x 30
N43	74022030	L-Washer 30
N44	72633006	Bind Head Taaping 3 x 6 (for 20754776)
	72633016	Bind Head Tapping 3 x 16 (for 20754821)
N45	22701778	Bind Head 2.6 x 6 BS
N46	22753674	Special Washer
N47	22753673	Special Washer
N48	22701679	Bind Head 2.6 x 3
N49	74001026	Washer M2.6
ELECTRICAL PARTS		
Transistors and Diodes		
TR1	36848520	Transistor 2SD880-Y
TR2	36737680	Transistor 2SC780A(G)TM-0
TR3	36319320	Transistor 2SC1959-0
D1	22115251	Diode W02
D2	22115332	Diode WZ182
D3	37978380	Diode S5277B
D4	37978385	Diode S5277D

Symbol No.	Part No.	Description
Capacitors		
C1	22303027	Oil 0.022μ F 450V M
C2	22448471	Electrolytic 470μ F 50WV
C3	22446101	Electrolytic 100μ F 25WV
C4	22447471	Electrolytic 470μ F 35WV
C5	22342103	Ceramic 0.01μ F M
C6	22440341	Electrolytic 47μ F 200WV
C7	22371683	Mylar 0.068μ F J
C8	22371473	Mylar 0.047μ F J
Resistors		
R1	22545222	Carbon Film 2.2K ohm
R2	22547569	Carbon Film 5.6 ohm ½W, J
R3	22434121	Carbon Film 120 ohm
R4	22570164	Metal Oxide 8.2 K ohm 1W, J
R5	22545154	Carbon Film 150 K ohm
R6	22545824	Carbon Film 820 K ohm
R7	22545102	Carbon Film 1 K ohm
R8	22545273	Carbon Film 27 K ohm
R9	22545822	Carbon Film 8.2 K ohm
R10	22545562	Carbon Film 5.6 K ohm
R12	22545275	Carbon Film 2.7M ohm
MISCELLANEOUS		
S1	22140518	Push Switch
S2	22140559	Micro Switch
S3	22140615	Proximity Switch
S4	22140485	Slide Switch
NL	22113476	Neon Lamp
M1	22125579	DD Motor
PT1	22223523	Power Transformer
L1	22147215	Solenoid
TM1	22104538	Stylus Timer
E1	22176550	Power Cord
E2	22164819	US 1P Plug Cord
E3	22748794	Radiator
E4	22193164	P.C.Board, Supply
E5	22193167	P.C.Board, Supply
E6	22193163	P.C.Board, Phono
E8	22193169	P.C.Board, Sensor

Symbol No.	Part No.	Description
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